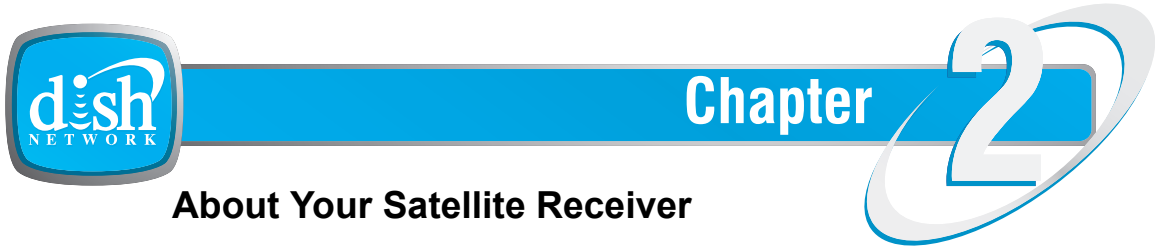
# Receiver and Remote Controls




## About Your Satellite Receiver

This chapter helps you get to know your remote control, which lets you use all the functions of your receiver. After you read the information here, be sure to practice what you learn so that you can quickly understand what's presented in later chapters.

What you'll find in this chapter:

- SATELLITE RECEIVER OVERVIEW
- DUAL AND SINGLE MODES
- REMOTE CONTROL
- SATELLITE RECEIVER FRONT PANEL
- SATELLITE RECEIVER BACK PANEL
- USING THE MENUS
- USING TEXT FIELDS

# SATELLITE RECEIVER OVERVIEW

This section gives you an overview of your DISH Network satellite TV receiver system.

## Satellite Receiver

Use this dual-tuner satellite receiver to watch different programs in two locations:

- Nearby TV (TV1) - Programming from the receiver is delivered to the nearby TV using short audio/video cables.
- Remote TV(s) (TV2) - Programming from the receiver is delivered to the remote TV(s) using existing in-home coaxial cable.

## Remote Controls

Two remote controls come with your receiver:

- Remote Control 1 - An Infrared (IR) remote to control programming for the nearby TV (TV1). This remote is labeled with a green number 1, which matches similar markings on the receiver output connections and the menus for the nearby TV.
- Remote Control 2 - An Ultra-High Frequency Pro (UHF Pro) remote to control programming at a remote TV (TV2). This remote is labeled with blue number 2, which matches similar markings on the receiver output connections and the menus for the remote TV. Be sure to set up the remote to control the receiver (see page 72).

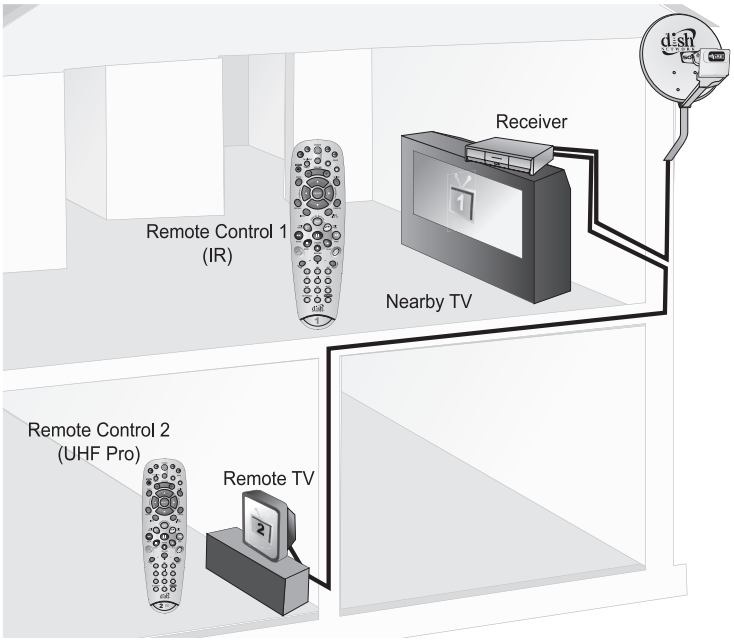
# Dual and Single Modes

Your satellite receiver includes two modes of operation: Dual and Single. These modes increase your entertainment options because you'll be able to choose how you watch and record your favorite programs.

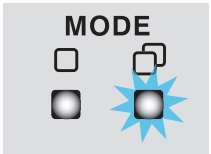
## Dual Mode

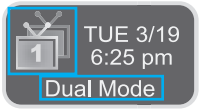
While in Dual Mode, you can use this dual-tuner satellite receiver to watch different programming in two separate locations:

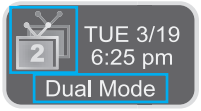
- Nearby TV - Programming from the receiver is delivered to the TV near the receiver using short audio/video cables and is controlled using Remote Control 1. The Nearby TV is also referred to as "TV1."
- Remote TV - Programming from the receiver is delivered to a TV located in another room using existing in-home coaxial cable and is controlled using Remote Control 2. The video displayed on the remote TV is always in standard definition (SD). The Remote TV is also referred to as "TV2."




You can tell your receiver is in Dual Mode because the Mode front panel indicator will light and the menu and other screens will display Dual Mode (as shown below).

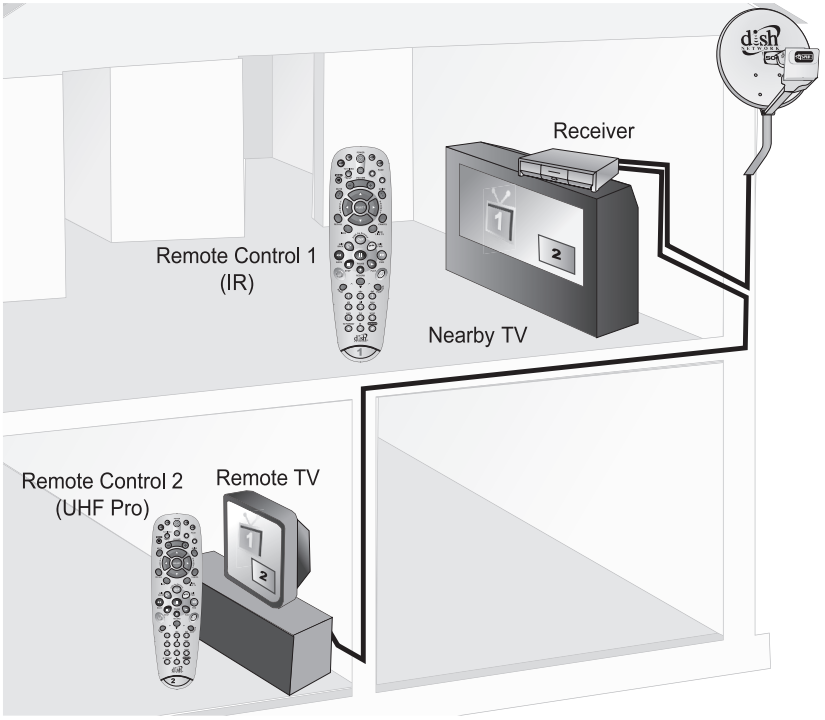


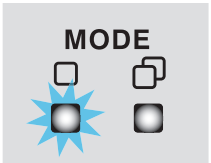



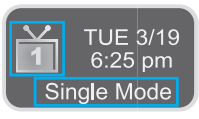
## Single Mode

Single Mode provides dual-tuner receiver features—like Picture-in-Picture (PIP) and the ability to watch one live program while recording another—to all connected TVs.




Single Mode delivers the same programming to all of the TVs connected to the satellite receiver and allows this programming to be controlled by either remote control. The format of the programming shown on the remote TV(s) is standard definition (SD) and high definition (HD) is shown only on the nearby TV. You can tell you are in Single Mode because the Mode front panel indicator will light and the menus and other screens will display Single Mode (as shown below).



## Switching Between Dual and Single Mode

Put the satellite receiver in Single or Dual Mode by pressing the front panel MODE button. Keep the following items in mind when switching the satellite receiver between Dual and Single Mode:

| | Dual Mode | Single Mode |
|---|---|---|
| **Indications** | Dual Mode front panel indicator lights. | Single Mode front panel indicator lights. |
| **Recording** | The Recording front panel indicator lights to show whether TV1, TV2, or both are currently recording. | The TV1 Recording front panel indicator lights when you are recording from one or both tuners. |
| **Favorites Lists** | Favorites Lists set up for both outputs (TV1 and TV2) are available. | Only Favorites Lists set up for TV1 are available. The lists for TV2 are not lost, they are simply unavailable in Single Mode. |
| **Locks** | Locks set up for both outputs (TV1 and TV2) are available. | Locks set up for only TV1 are available. The locks for TV2 are not lost, they are simply unavailable in Single Mode. |

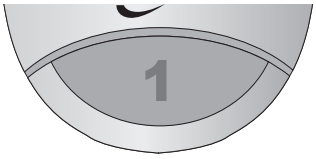
**Note**: If someone is using the TV2 outputs in Dual Mode, you will see a popup on the nearby TV warning you that you are about to disrupt the use of the TV2 outputs.

# REMOTE CONTROL

The two remote controls give you access to all the features of your satellite receiver. You can set up each remote to control the satellite receiver and up to three other devices (see page 75). These devices can be a TV, a VCR or DVD player, and a third device.

This section describes how to use the various features on the two types of remote controls included with your satellite TV system.

## Types of Remote Controls




Remote Control 1 uses infrared (IR) signals to:

- Control TV1 menus for the nearby TV in Dual Mode.
- Control the satellite receiver in Single Mode.

IR signals travel only short distances (60 feet or less), and cannot go through walls or other solid objects. You must point the remote control directly at the device, with no objects blocking the line of sight.

Remote Control 1 uses IR signals to control both the receiver and other devices programmed into the remote.

This remote control is identified by the green number 1 at the bottom of the remote control.

Remote Control 2 uses UHF Pro signals to:

- Control TV2 menus for the remote TVs in Dual Mode.
- Control the satellite receiver in Single Mode.

UHF Pro signals travel long distances and go through walls and other solid objects.

To use Remote Control 2 to control the receiver, you must attach the UHF antenna to the receiver back panel (see page 17).

Remote Control 2 uses IR signals to control other devices programmed into the remote. You must point the remote control directly at these devices, with no objects blocking the line of sight.

This remote control is identified by the blue number 2 at the bottom of the remote control.

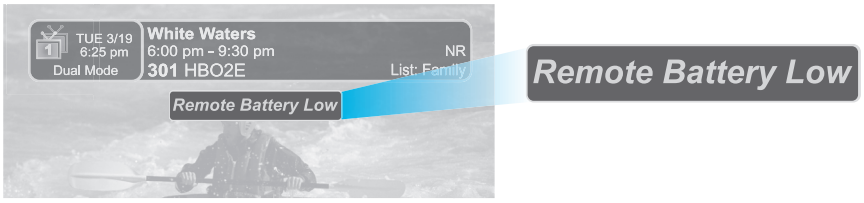
## Remote Control Batteries

The remote control comes with AAA batteries. When you replace old batteries, you should replace all of the batteries. Use batteries of the same kind, for example, alkaline or carbon zinc. Don't mix batteries of different kinds. Alkaline batteries last longer.

1. Press down on the top of the battery cover and slide the cover off.
2. Take out all of the old batteries.
3. Put the new batteries in. Make sure you match the plus ("+") ends with the plus markings on the battery case.
4. Slide the cover back into place.

## Low Battery Warning

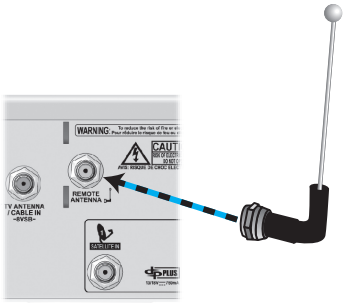
When you see a low battery warning message on your screen below the Program Banner, the batteries in your remote control are weak and need to be replaced.




**Here's a helpful hint...Don't wait until you see this warning to change the remote control batteries. If your remote control doesn't seem to be working very well (for example, you have to press POWER more than once to turn the receiver on or off), it's a good indication that the batteries are getting weak.**

## Attach the Remote Antenna

Attach the UHF remote antenna to the receiver's back panel Remote Antenna input so you can use your UHF Pro Remote Control 2. Without the UHF antenna, you cannot use the remote to control the receiver. See *Adjusting the Remote Antenna* on page 74 for more detailed information about improving the performance of your UHF Pro remote control.



## Remote Control Buttons

To use the features described in this section, make sure you are in SAT mode by pressing the SAT Mode button. SAT

**Volume & Mute Buttons**
Control TV volume
*Programming required*

Press this button for SAT Mode

**Receiver Power & TV Power**
**Top button** turns the receiver on/off, **bottom button** turns the TV on/off
*Programming required*

**Receiver Menu**
Access features and settings in your satellite receiver

**Themes**
Search for programs using Themes

**Recall**
Go back to last channel viewed

**Info**
Get info on programs

**Digital Video Recorder (DVR) Buttons**
Pause live TV and play or record programming

**Recover**
Get your TV back to showing satellite programming

**Picture-In-Picture (PIP) Buttons**
Watch two separate programs at once

**Format**
Format the picture to the desired width to match the program you are viewing

**Page Buttons**
Page up/down in menus

**Program Guide**
Display the on-screen guide

**Arrows/Select Buttons**
Channel up/down, navigate through menus/guides and select a desired option

**Browse**
See what is on other channels while watching TV

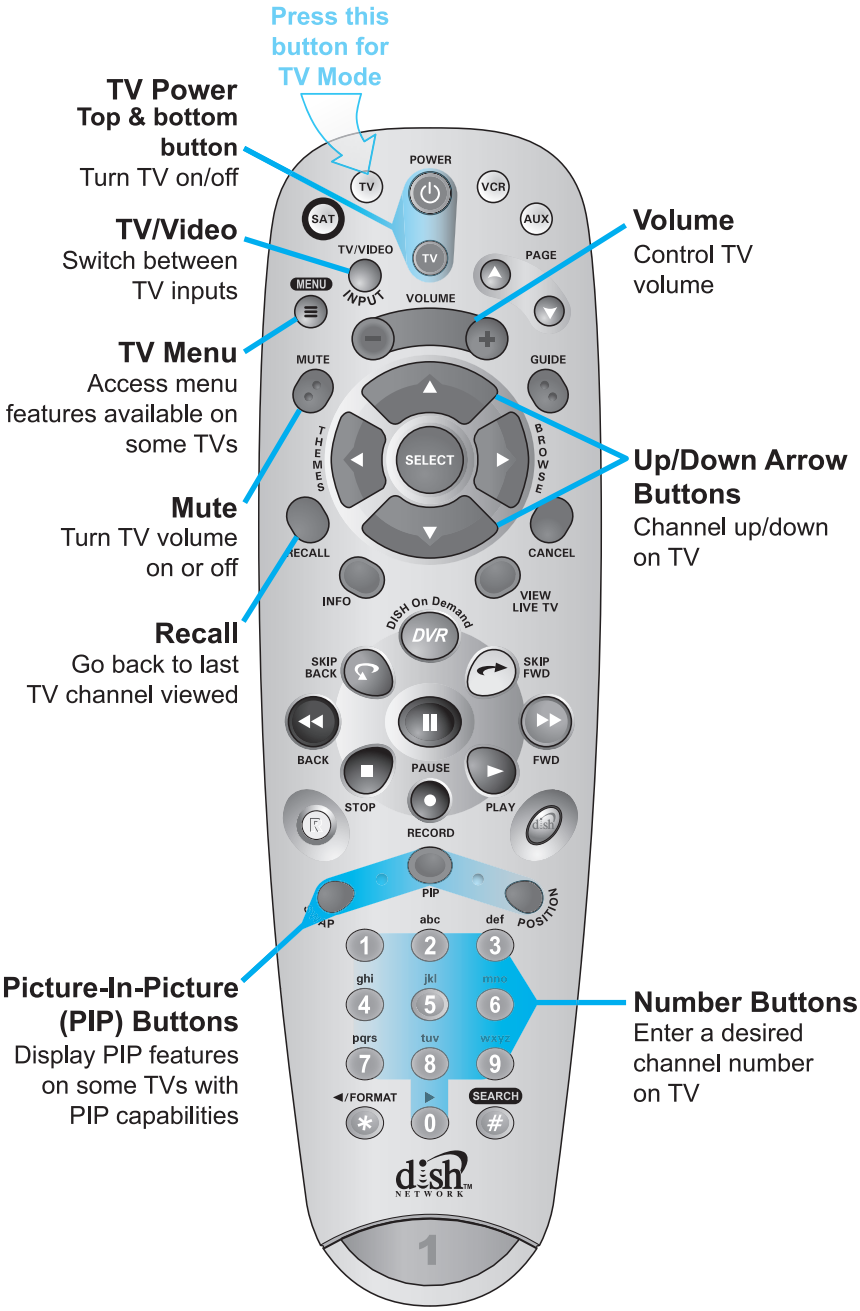
**View Satellite Programming**
Exit out of any menu/ guide and go back to viewing live TV

**DISH**
Explore dish home Interactive TV features

**Number Buttons**
Enter a desired channel number, or navigate through menus

**Search**
Search for a program

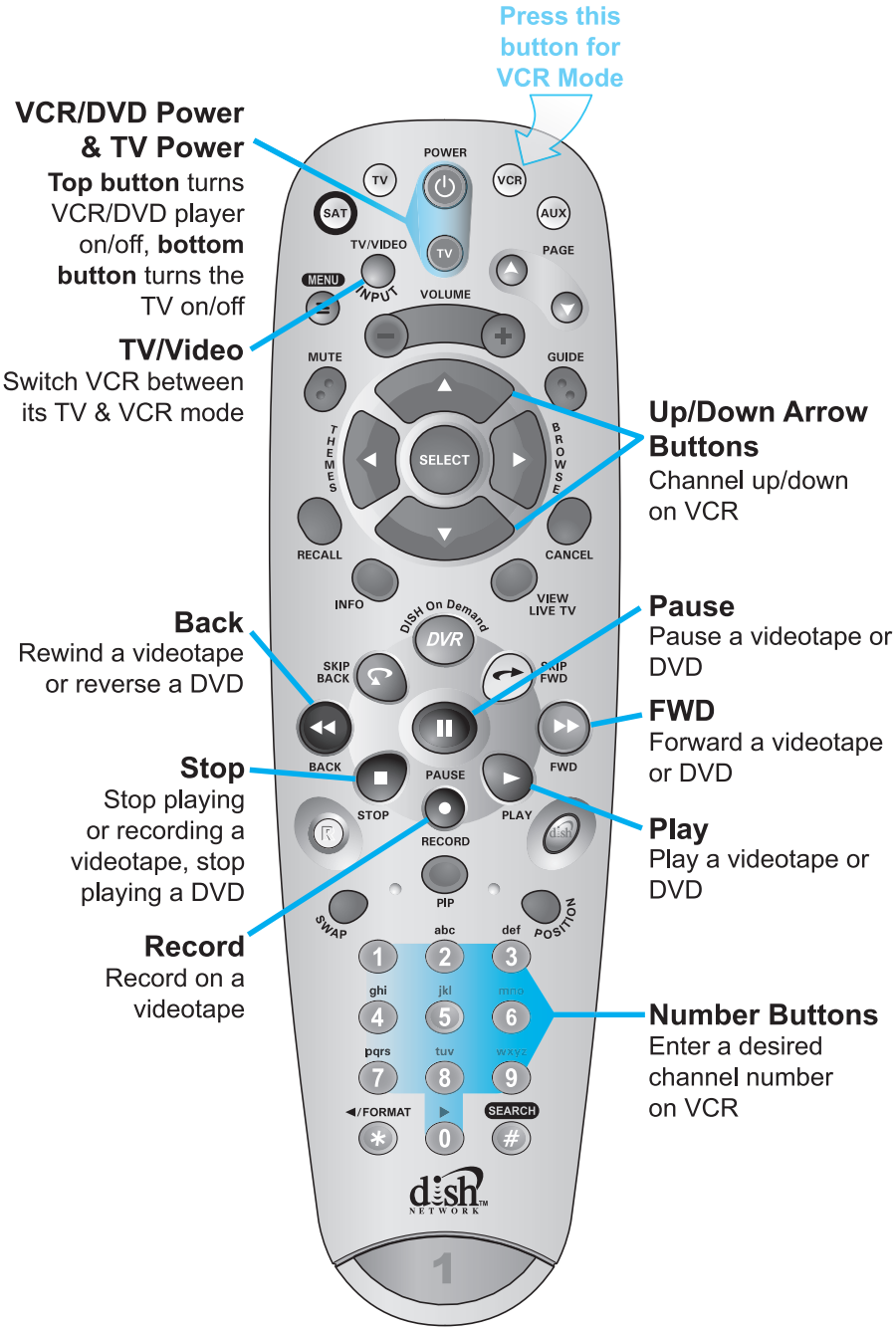
To use the features described in this section, make sure you are in TV mode by pressing the TV Mode button. Remote programming is required.



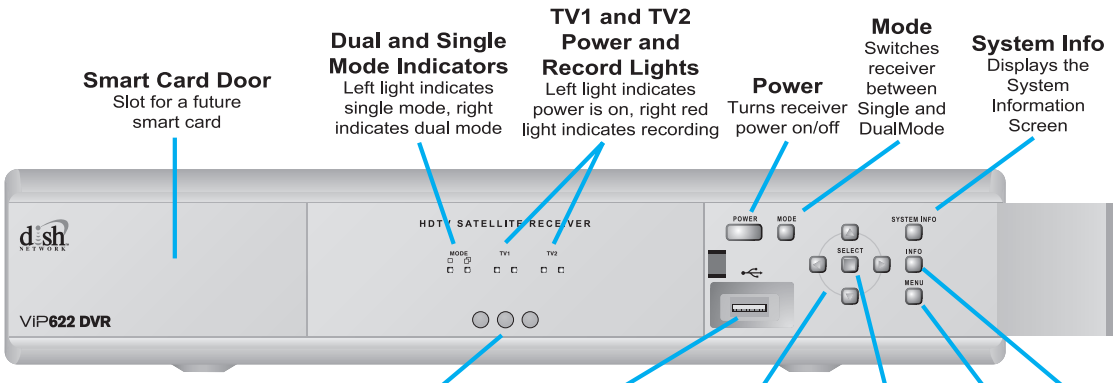

***Note:*** *Remote operation is different on DISH Network TVs. See your DISH Network TV User's Guide for proper operation.*

## Remote Control

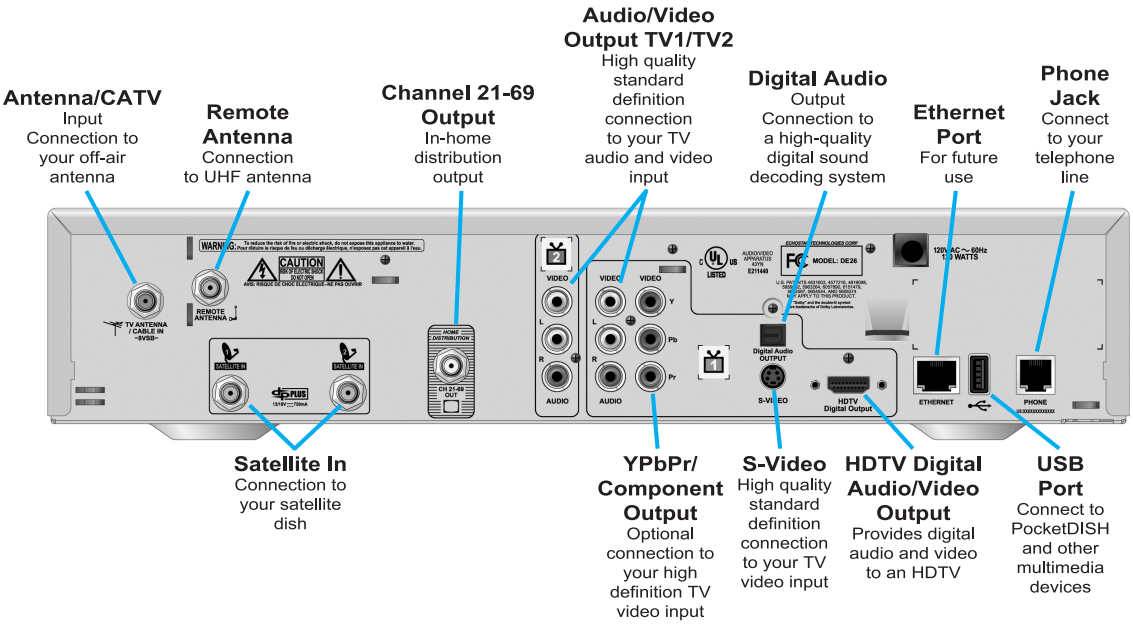
To use the features described in this section, make sure you are in VCR mode by pressing the VCR Mode button. You can use this mode to operate your DVD player instead of a VCR. Remote programming is required.



# Satellite Receiver Front Panel


Smart Card Door
Slot for a future smart card
Dual and Single Mode Indicators
Left light indicates single mode, right indicates dual mode
TV1 and TV2 Power and Record Lights
Left light indicates power is on, right red light indicates recording
Power
Turns receiver power on/off
Mode
Switches receiver between Single and DualMode
System Info
Displays the System Information Screen
HDTV SATELLITE RECEIVER
ViP622 DVR
Infrared Sensor/Blaster
Receives IR Signals from your remote and sends IR signals to other components
USB Port
Connection to PocketDISH and other multimedia devices
Arrows
Change channels up/down, and move around in on-screen menus and guides
Select
Selects menu items
Menu
Displays the Main Menu screen
Info
Displays program information

# Satellite Receiver Back Panel


Antenna/CATV
Input
Connection to your off-air antenna
Remote Antenna
Connection to UHF antenna
Channel 21-69 Output
In-home distribution output
Audio/Video Output TV1/TV2
High quality standard definition connection to your TV audio and video input
Digital Audio
Output
Connection to a high-quality digital sound decoding system
Ethernet Port
For future use
Phone Jack
Connect to your telephone line
Satellite In
Connection to your satellite dish
YPbPr/ Component Output
Optional connection to your high definition TV video input
S-Video
High quality standard definition connection to your TV video input
HDTV Digital Audio/Video Output
Provides digital audio and video to an HDTV
USB Port
Connect to PocketDISH and other multimedia devices

# USING THE MENUS

The menus make using the receiver and selecting programs quick and easy. Use the menus to control the receiver and to use its features, such as setting locks, choosing a program, or creating a favorites list.

## Open and Close Menus

You can open the menus in either of two ways:

- Press MENU to open the Main Menu, then open any of the other menus from the Main Menu.
- Use the following buttons on the remote control:
  - Press GUIDE to open the Program Guide.
  - Press THEMES (LEFT ARROW) when watching a program to open the Themes and Search menu.
  - Press BROWSE (RIGHT ARROW) to display the Browse Banner.

To close a menu and return to watching a program, press VIEW LIVE TV.

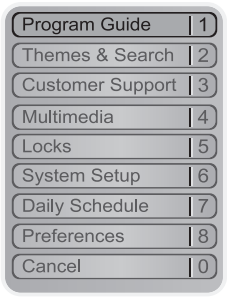
## Highlighting Menu Options

Use the remote control ARROWS to move the on-screen highlight to the menu option. When you move the on-screen highlight, the option becomes amber.

## Selecting Menu Options

When you select a menu option, that option takes effect right away. You can select a menu option in either of two ways:

- Move the highlight to the menu option using the remote control ARROWS. Then press SELECT. In the example, Program Guide is highlighted.
- If the option has a number next to it, press the number on the NUMBER PAD button that matches this number. When you use the NUMBER PAD, you do not need to highlight the option first.



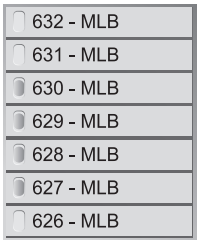
## List of Choices in the Menus

When you make a choice in a list, the receiver does not apply the change until you select Save or Done. If you do not want to save any changes, select Cancel to discard all the changes made in the menu.

There are two types of lists:

- A single choice list allows you to select only one choice at a time. If you select another choice, your previous choice is deselected.

- A multiple choice list allows you to select more than one choice at one time. If you select another choice, your previous choice(s) stays selected.




## Canceling a Procedure

You can cancel a procedure in any of three ways:

- If you want to return to watching a program, press VIEW LIVE TV.
- If you want to return to the previous menu, press CANCEL.
- Wait a few moments and the menu will close automatically, discarding any changes you have made.

# USING TEXT FIELDS

When you use features on the receiver, you might be required to enter information, such as the name of a movie when using Search, into areas known as *text fields*. Your receiver has two basic ways to enter the information:

- Virtual Keyboard
- Remote Control NUMBER PAD

## Using the Virtual Keyboard

Use the virtual keyboard letters to type the information. Use the LEFT, RIGHT, UP, and DOWN ARROWS to navigate around the keyboard. Select the characters you want.

## Using the Number Pad

Use the letters above the NUMBER PAD on the remote control—just like on a telephone—while the highlight is in the field. For example, when looking for the channel and times to watch *Rudy Friml Presents*, you press 7 three times for an R, 8 two times for a U, 3 one time for a D, and 9 three times for a Y to spell the word “Rudy.”

## While in the Text Field

When the cursor is in the text field:

- Press the LEFT ARROW to delete characters.

- Press FORMAT/* to backspace without deleting characters.

- Press 0 to enter a blank space, such as between words.

•Use the RIGHT ARROW to forward space without deleting characters.

## TIPS

- You can use the Front Panel Locks to prevent the mode from being changed accidentally. See page 49 for instructions.
- The only way to turn off the TV2 outputs is by using POWER on Remote Control 2.
- In Dual Mode, Remote Control 1 is used to control TV1 menus on the nearby TV. Remote Control 2 is used to control TV2 menus on the remote TV(s).
- If you do not do anything in a menu for several minutes, the menu automatically closes. This will discard any changes you made, and display the program you were watching.
- To use Remote Control 2, be sure to attach the UHF Remote Antenna. See page 17 for details.
- On Remote Control 2, press FORMAT/* to change the aspect ratio (display shape) of HD channels displayed on remote TV(s).

## QUESTIONS

- **Why put the receiver in Single Mode?** When the receiver is in Single Mode, you can use the PIP functions.
- **How can I watch and use the DVR functions on the same program on all of the TVs in my house?** Put the receiver in Single Mode (page 15) and then enable Shared View (page 86).

**Questions**

## Notes